

We Claim:

1. A stackable and collapsible transport box, comprising:
  - (a) a base plate;
  - (b) two first side walls which are mutually opposite and collapsible in a lower first plane connected to the base plate via hinge joints; and
  - (c) two second side walls which are mutually opposite and collapsible in a higher second plane connected to the base plate via hinge joints,wherein the base plate comprises a plurality of supporting pillars arranged as tubular elements beneath the base plate and arranged as angular elements above the base plate, and wherein the angular elements are provided with step-like arrangements to receive tubular elements of a second transport box in the collapsed state.
2. The transport box according to claim 1, wherein the angular elements each comprise a short section and a long section.
3. The transport box according to claim 2, wherein the two second side walls each comprise a rectangular cut-out in two corner regions which receive the long section of the angular elements.
4. The transport box according to claim 1, wherein each of the two second side walls is provided with at least two inwardly bent and upwardly tapering edges whereby the side walls may be placed above one another.
5. The transport box according to claim 4, wherein each of the edges is provided with a bevel.
6. The transport box according to claim 5, wherein the bevel is reinforced with several superimposed transversal ribs.

7. The transport box according to claim 1, wherein each of the first and second side walls comprises longitudinal and transverse ribs in the corner regions.
8. The transport box according to claim 7, wherein the transverse and longitudinal ribs are welded to a stiffening flat cover.
9. The transport box according to claim 1, wherein the transport box further comprises a plurality of runners provided with projecting cams which are fastened to the tubular elements of the supporting pillars.
10. The transport box according to claim 9, wherein the runners comprise runner elements which form a quadrangle that corresponds to the transport box when the runner elements are inserted in the tubular elements.
11. The transport box according to claim 9, wherein each of the runner elements and the cams is provided with a hollow arrangement and each of the cams comprises reinforcing elements.
12. The transport box according to claim 10, wherein each of the runner elements is provided with a flat groove and may be assembled into a quadrangle via connecting elements.
13. The transport box according to claim 1, wherein the transport box may be manufactured by an injection-molding process using high-quality and impact-proof plastic.
14. The transport box according to claim 13, wherein the plastic is selected from the group consisting of: polyethylene (PE) and polypropylene (PP).